

ABSTRACT OF THE DISCLOSURE

A clinker-type hydraulic binder obtained by burning comprising a magnesia spinel mineralogical phase and at least a calcium aluminate mineralogical phase, with a lime content less than 15% of the binder by dry weight. The magnesia spinel represents between 68% and 81% by dry weight of the binder and preferably the calcium aluminates consist essentially of CA and CA<sub>2</sub>, with C = CaO and A = Al<sub>2</sub>O<sub>3</sub>. The invention also concerns the use of such a binder for making a refractory concrete and a method for making such a binder. The invention is useful for making steel ladles (1), preferably for their wear lining.

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